

THE CLAIMS

What is claimed is:

1. A golf ball comprising at least one portion that is formed from a staged
5 resin film.

2. The golf ball of claim 1, wherein the staged resin film comprises one or
more of a polyurethane, polyurea, epoxy, diene rubber, unsaturated polyester, silicone, or
interpenetrating polymer network.

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3. The golf ball of claim 1, wherein the staged resin film comprises a
partially or totally blocked polyisocyanate.

15 4. The golf ball of claim 1, wherein the staged resin film comprises a
ketimine bond derived from a ketone or an aldehyde and an amine having a branched carbon
atom or a ring member carbon atom bond at the α -position.

5. The golf ball of claim 1, wherein the staged resin film further comprises
an additive, filler, fiber, flake, particulate material, or mixture thereof.

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6. The golf ball of claim 5, wherein the additive, filler, fiber, flake,
particulate material, or mixture thereof increases the specific gravity of the staged resin film.

25 7. The golf ball of claim 5, wherein the additive, filler, fiber, flake,
particulate material, or mixture thereof decreases the specific gravity of the staged resin
film.

8. The golf ball of claim 5, wherein the additive, filler, fiber, flake,
particulate material, or mixture thereof alters moisture transmission.

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9. The golf ball of claim 5, wherein the at least one portion is cured.

10. The golf ball of claim 1, wherein the staged resin film is part of a
laminate.

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11. The golf ball of claim 1, wherein the at least one portion is a cover layer.

12. The golf ball of claim 11, wherein the staged resin film is part of a laminate that has a thickness of up to about 6.35 mm.

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13. The golf ball of claim 12, wherein the laminate has a thickness of less than about 0.89 mm.

14. The golf ball of claim 1, wherein the at least one portion is an intermediate layer located between a core and a cover layer.

15. The golf ball of claim 1, wherein the golf ball further comprises an at least one intermediate layer formed from an at least one wound tensioned material.

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16. The golf ball of claim 1, wherein the at least one portion is a core.

17. The golf ball of claim 1, wherein the at least one portion is a core shell.

18. A method of making a golf ball comprising,

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(a) selecting a first staged resin film; and

(b) molding the first staged resin film to form a portion of the golf ball.

19. The method of claim 18, wherein the staged resin film in the step of selecting is part of a laminate.

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20. The method of claim 18, wherein the staged resin film in the step of selecting is in the form of a pre-molded shell.

21. The method of claim 18, further comprising at least partially curing the portion of the golf ball that is formed from the staged resin film.

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22. The method of claim 18, wherein the portion of the golf ball is not the outermost portion, and further comprising molding at least one second staged resin film over the portion of the golf ball formed from the first staged resin film.

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